

L Number	Hits	Search Text	DB	Time stamp
1	673326	((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:48
2	14573	((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufatur\$5 or releas\$5) near5 (hydrogen or "H.sub.2"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:48
3	5582	(((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufatur\$5 or releas\$5) near5 (hydrogen or "H.sub.2")))) and (photocataly\$8 or catalyst\$8)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:42
4	3282	(((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufatur\$5 or releas\$5) near5 (hydrogen or "H.sub.2")))) and (photocataly\$8 or catalyst\$8)) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:42
5	691	((((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufatur\$5 or releas\$5) near5 (hydrogen or "H.sub.2")))) and (photocataly\$8 or catalyst\$8)) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd)) and ligand\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:43
6	460	((((((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufatur\$5 or releas\$5) near5 (hydrogen or "H.sub.2")))) and (photocataly\$8 or catalyst\$8)) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd)) and ligand\$3) and (halogen\$3 or halohalic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:43
8	1	((((((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufatur\$5 or releas\$5) near5 (hydrogen or "H.sub.2")))) and (photocataly\$8 or catalyst\$8)) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd)) and ligand\$3) and (halogen\$3 or halohalic)) and (phosphorous or phosphazene or phosphazane or diphosphazane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:44

7	1	(((((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2")))) and (photocataly\$8 or catalyst\$8)) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd)) and ligand\$3) and (halogen\$3 or haloallic)) and (phosphorous or phosphazene or phosphazane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:45
9	163	(((((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2")))) and (photocataly\$8 or catalyst\$8)) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd)) and ligand\$3) and (halogen\$3 or haloallic)) and ((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 ((hydrochloric (a) acid) or HCl or (hydrogen (a) (bromide or fluoride or iodide)) or HBr or HCl or HI))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:50

L Number	Hits	Search Text	DB	Time stamp
1	19967	(irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/12 13:55
2	4275	((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/12 13:56
3	465	(((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))) and ligand\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/12 13:56
4	113	(((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))) and ligand\$3) and (triphenyl\$2phosphine)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/12 13:57
5	9	((((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))) and ligand\$3) and (triphenyl\$2phosphine)) and (two near3 (electron\$3 or metal\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/12 13:57
6	39	((((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))) and ligand\$3) and (triphenyl\$2phosphine)) and ((two or "2") near3 (electron\$3 or metal\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/12 13:58

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(FILE 'HOME' ENTERED AT 15:23:34 ON 12 APR 2004)

FILE 'CPLUS' ENTERED AT 15:24:35 ON 12 APR 2004

L1 98375 S (PHOTOCATLY? OR CATALY?) (5A) (RHODIUM OR "RH.SUB.2" OR  
PLATI

L2 17265 S L1 AND (HYDROGEN OR "H.SUB.2")

L3 874 S L2 AND LIGAND#

L4 56 S L3 AND ((HYDROCHLORIC (A) ACID) OR HCL OR (HYDROGEN (A)  
(BROM

L5 3 S L4 AND (TETRAHYDROFURAN OR THF OR SILANE OR ISOPROPANAL OR  
DI

L6 3 S L4 AND (TETRAHYDROFURAN OR THF OR SILANE OR ISOPROPANAL OR  
DI

L7 2043 S (TWO OR "2") (5A) METAL (5A) ATOMS

L8 28 S L1 AND L7

L9 10 S L8 AND LIGAND#

L10 256305 S HYDROGEN/TI

L11 18738 S L10 AND (IRRADIAT? OR RADIAT? OR EXPOS? OR ILLUMINAT?)

L12 1122 S L11 AND (RHODIUM OR RH OR PLATINUM OR PT OR IRIDIUM R IR  
OR

L13 2169 S L11 AND (RHODIUM OR RH OR PLATINUM OR PT OR IRIDIUM OR IR  
OR

L14 27 S L13 AND VALENCE

L15 28 S L13 AND LIGAND#

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(FILE 'HOME' ENTERED AT 17:22:22 ON 12 APR 2004)

FILE 'CPLUS' ENTERED AT 17:22:45 ON 12 APR 2004

L1 24709 S BIMETALLIC OR BINUCLEAR  
L2 7978 S L1 AND LIGAND#  
L3 105 S L2 AND (IRRADIAT? OR RADIAT? OR ILLUMINAT? OR EXPOS?)  
L4 11 S L3 AND (HYDROGEN OR "H.SUB.2")

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